

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	((("5249320") or ("5700254") or ("5876388") or ("5176952") or ("6224965") or ("6224965") or ("4874399") or ("5417678") or ("4055268") or ("4154363") or ("4436780") or ("4531945") or ("4906513") or ("4964509") or ("5308508") or ("5508101") or ("5763065") or ("6071651") or ("6099729") or ("6108879") or ("6329465") or ("4372312") or ("4543098") or ("5269720") or ("4618524") or ("4508775") or ("4615696") or ("4863785") or ("4933092") or ("5414870") or ("5652148") or ("5728446") or ("6433243") or ("6680114") or ("4929492") or ("5855784") or ("5955193") or ("6090731") or ("4594202") or ("5603691") or ("5731065") or ("6077240") or ("3843974") or ("4047534") or ("4095950") or ("4379192") or ("4500592") or ("4522863"))).PN.	USPAT	OR	OFF	2005/06/30 14:39
L2	291	microfiber and (extruded or extrusion) and (axial or axially)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:40
L3	16937	co-extruded or co-extrude or co-extrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:40
L4	148	L3 and microfiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:41
L5	1836	microfiber same layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:41

L6	41	L5 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:42
L7	13	L3 same L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:46
L8	4	L7 and (axial or axially)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:46

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09974040 on June 30, 2005

- 10 428/903 (0 OR, 10 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/903 MICROFIBER (LESS THAN 100 MICRON DIAMETER)
- 7 428/198 (5 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/195.1 .Discontinuous or differential coating,  
impregnation or bond (e.g., artwork, printing, retouched  
photograph, etc.)  
428/198 ..Spot bonds connect components
- 6 428/913 (0 OR, 6 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/913 MATERIAL DESIGNED TO BE RESPONSIVE TO  
TEMPERATURE, LIGHT, MOISTURE, ETC.
- 6 604/378 (2 OR, 4 XR)  
Class 604 : SURGERY  
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR  
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)  
604/358 .Absorbent pad for external or internal  
application and supports therefor (e.g., catamenial  
devices, diapers, etc.)  
604/378 ..Containing layers having differing absorption  
characteristics (e.g., flow control, wicking, etc.)
- 5 604/370 (3 OR, 2 XR)  
Class 604 : SURGERY  
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR  
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)  
604/358 .Absorbent pad for external or internal  
application and supports therefor (e.g., catamenial  
devices, diapers, etc.)  
604/367 ..Containing particular materials, fibers, or  
particles  
604/370 ...Thermoplastic
- 3 428/219 (1 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/219 .Weight per unit area specified
- 3 442/340 (2 OR, 1 XR)  
Class 442 : FABRIC  
442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER  
MATERIAL)  
442/334 .Including strand or fiber material which is of  
specific structural definition  
442/340 ..Strand or fiber material specified as having  
micro dimensions (i.e., microfiber)
- 3 442/351 (0 OR, 3 XR)  
Class 442 : FABRIC  
442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER  
MATERIAL)  
442/334 .Including strand or fiber material which is of

- specific structural definition
- 442/340 ..strand or fiber material specified as having  
micro dimensions (i.e., microfiber)
- 442/351 ...Microfiber is synthetic polymer
- 3 604/358 (0 OR, 3 XR)  
Class 604 : SURGERY  
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR  
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)  
604/358 .Absorbent pad for external or internal  
application and supports therefor (e.g., catamenial  
devices, diapers, etc.)
- 3 604/384 (1 OR, 2 XR)  
Class 604 : SURGERY  
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR  
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)  
604/358 .Absorbent pad for external or internal  
application and supports therefor (e.g., catamenial  
devices, diapers, etc.)  
604/384 ..Having specific fiber orientation or weave
- 2 5/484 (1 OR, 1 XR)  
Class 005 : BEDS  
5/482 BEDCLOTHING  
5/484 .Waterproof
- 2 15/209.1 (0 OR, 2 XR)  
Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING  
15/104.001 IMPLEMENTS  
15/208 .Fabric  
15/209.1 ..Wiper, dauber, or polisher
- 2 210/508 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/348 FILTER  
210/500.1 .Material  
210/506 ..Coated or impregnated, e.g., adhesively bound  
210/508 ...Fibrous
- 2 210/510.1 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/348 FILTER  
210/500.1 .Material  
210/510.1 ..Porous unitary mass
- 2 210/729 (1 OR, 1 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/702 .Making an insoluble substance or accreting  
suspended constituents  
210/729 ..Utilizing organic precipitant
- 2 220/560.12 (2 OR, 0 XR)  
Class 220 : RECEPTACLES  
220/560.04 FOR CRYOGENIC CONTENT (E.G., LIQUEFIED GAS)  
220/560.12 .Including thermal insulation
- 2 422/101 (0 OR, 2 XR)  
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING  
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE

## LABORATORY DEVICE

- 422/99 .Miscellaneous laboratory apparatus and elements, per se
- 422/101 ..Including means for separating a constituent; e.g., filter, condenser, extractor, etc.
- 2 428/195.1 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  
 428/195.1 .Discontinuous or differential coating, impregnation or bond (e.g., artwork, printing, retouched photograph, etc.)
- 2 428/209 (2 OR, 0 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  
 428/195.1 .Discontinuous or differential coating, impregnation or bond (e.g., artwork, printing, retouched photograph, etc.)  
 428/209 ..Including metal layer
- 2 428/212 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  
 428/212 .Including components having same physical characteristic in differing degree
- 2 428/213 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  
 428/212 .Including components having same physical characteristic in differing degree  
 428/213 ..Thickness (relative or absolute)
- 2 428/218 (1 OR, 1 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  
 428/212 .Including components having same physical characteristic in differing degree  
 428/218 ..Density or compression of components
- 2 428/359 (1 OR, 1 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE, CELL, STRAND, STRAND PORTION, ROD, FILAMENT, MACROSCOPIC FIBER OR MASS THEREOF  
 428/359 .staple length fiber
- 2 428/364 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE, CELL, STRAND, STRAND PORTION, ROD, FILAMENT, MACROSCOPIC FIBER OR MASS THEREOF  
 428/364 .Rod, strand, filament or fiber
- 2 428/373 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE,

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CELL, STRAND, STRAND PORTION, ROD, FILAMENT,

MACROSCOPIC

FIBER OR MASS THEREOF

428/364 .Rod, strand, filament or fiber  
428/373 ..Bicomponent, conjugate, composite or  
collateral fibers or filaments (i.e., coextruded  
sheath-core or side-by-side type)

2 428/408 (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/408 SELF-SUSTAINING CARBON MASS OR LAYER WITH  
IMPREGNANT OR OTHER LAYER

2 428/920 (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/920 FIRE OR HEAT PROTECTION FEATURE

2 436/177 (0 OR, 2 XR)  
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING  
436/174 INCLUDING SAMPLE PREPARATION  
436/177 .Liberation or purification of sample or  
separation of material from a sample (e.g., filtering,  
centrifuging, etc.)

2 442/117 (0 OR, 2 XR)  
Class 442 : FABRIC  
442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/117 OR ALLOY LAYER  
.Coating or impregnation is electrical  
insulation-providing, -improving, or -increasing, or  
conductivity-reducing

2 442/152 (0 OR, 2 XR)  
Class 442 : FABRIC  
442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/152 OR ALLOY LAYER  
.Coated or impregnated natural fiber fabric  
(e.g., cotton, wool, silk, linen, etc.)

2 442/164 (0 OR, 2 XR)  
Class 442 : FABRIC  
442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/164 OR ALLOY LAYER  
 .Coated or impregnated synthetic organic fiber fabric

2 442/172 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/172 OR ALLOY LAYER  
 .Coated or impregnated inorganic fiber fabric

2 442/345 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER  
 MATERIAL)  
 442/334 .Including strand or fiber material which is of  
 specific structural definition  
 442/340 ..strand or fiber material specified as having  
 micro dimensions (i.e., microfiber)  
 442/345 ...Including another chemically different  
 microfiber in a separate layer

2 442/361 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER  
 MATERIAL)  
 442/361 .Including strand or fiber material which is a  
 monofilament composed of two or more polymeric materials

in

physically distinct relationship (e.g., sheath-core,  
 side-by-side, islands-in-sea, fibrils-in-matrix, etc.) or  
 composed of physical blend of chemically different  
 polymeric materials or a physical blend of a polymeric  
 material and a filler material

2 442/401 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER  
 MATERIAL)  
 442/401 .Spun-bonded nonwoven fabric

2 442/60 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/60 OR ALLOY LAYER  
 .Fabric composed of a fiber or strand which is  
 of specific structural definition

2 442/65 (0 OR, 2 XR)  
 Class 442 : FABRIC  
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN  
 PREFORMED FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER  
 LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND  
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR  
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR  
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE  
 METAL OR ALLOY LAYER

442/64 .Two or more non-extruded coatings or  
 impregnations  
 442/65 ..Each major face of the fabric has at least  
 one coating or impregnation

2 450/37 (1 OR, 1 XR)  
 Class 450 : FOUNDATION GARMENTS  
 450/1 BREAST OR CHEST, E.G., BRASSIERES  
 450/37 .With lacteal fluid receptor or shield

2 602/1 (0 OR, 2 XR)  
 Class 602 : SURGERY: SPLINT, BRACE, OR BANDAGE  
 602/1 ORTHOPEDIC BANDAGE

2 602/8 (2 OR, 0 XR)  
 Class 602 : SURGERY: SPLINT, BRACE, OR BANDAGE  
 602/1 ORTHOPEDIC BANDAGE  
 602/5 .Splint or brace  
 602/6 ..Shaped or shapeable  
 602/8 ...By chemically reactive material (e.g.,  
 plaster cast)

2 604/375 (0 OR, 2 XR)  
 Class 604 : SURGERY  
 604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR  
 WASTE MATERIAL (E.G., RECEPTACLES, ETC.)  
 604/358 .Absorbent pad for external or internal  
 application and supports therefor (e.g., catamenial  
 devices, diapers, etc.)  
 604/367 ..Containing particular materials, fibers, or  
 particles  
 604/374 ...Cellulose or cellulosic materials  
 604/375 ....With additional chemical modifications  
 (e.g., paper, chemical pulp, rayon, etc.)